BRUHAT BANGALORE MAHANAGARA PALIKE					
NAME OF WORK:-A) CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA B)CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA					
Sl No.					
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA				
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA				
ABSTRACT ESTIMATE					
Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts C. Prestressed / Reinforced cement concrete grade M-20 & above complete as per specifications and directions of Engineer in charge.	cum	12.42	1716.12	21306.49
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		12.42		
2	.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding whereverнecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts Dismantling brick/Tile work B. In cement mortar. complete as per specifications and directions of Engineer in charge.	Cum	37.42	379.08	14185.78
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		37.42		
3	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) complete as per specifications and directions of Engineer in charge.	Sqm	82.77	92.88	7687.68
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		82.77		
4	.Dismantling plastering and removing the debris with a lead upto 200m complete as per specifications and directions of Engineer in charge.	Sqm	374.22	39.96	14953.67
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		374.22		
5	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and directions of Engineer in charge.	Cum	69.74	67.18	4684.65
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		69.74		
6	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of Engineer in charge.	cum	167.04	484.92	81000.07
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		167.04		
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of Engineer in charge.	cum	9.60	2623.32	25183.87
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		9.60		
8	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge.	cum	19.23	5609.52	107859.85
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		19.23		
9	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge.	cum	6.07	5855.76	35534.22
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.07		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
10	**Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications and directions of Engineer in charge.**	**cum**	**37.73**	**4963.68**	**187258.55**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		37.73		
11	**Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of Engineer in charge.**	**Cum**	**32.02**	**217.08**	**6951.82**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		32.02		
12	**Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.**	**Cum**	**135.01**	**83.68**	**11297.73**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		135.01		
13	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.**	**Sqm**	**125.34**	**278.64**	**34924.74**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		125.34		
14	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.**	**Sqm**	**46.98**	**386.64**	**18164.35**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		46.98		
15	**Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.**	**Sqm**	**143.46**	**492.48**	**70651.18**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		103.68		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		39.78		
16	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs and directions of Engineer in charge.**	**sqm**	**268.08**	**432.00**	**115809.78**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		207.58		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		60.50		
17	**Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of Engineer in charge.**	**sqm**	**37.85**	**815.40**	**30864.38**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		32.10		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		5.75		
18	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.**	**sqm**	**227.03**	**315.36**	**71596.81**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		177.34		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		49.69		
19	**:Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.**	**sqm**	**25.58**	**561.60**	**14367.13**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		25.58		
20	**Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.**	**Sqm**	**16.08**	**348.84**	**5609.35**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		9.72		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		6.36		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
21	**Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and directions of Engineer in charge.**	**cum**	**51.76**	**6276.96**	**324889.17**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		51.76		
22	**Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**cum**	**6.39**	**6528.60**	**41719.39**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.39		
23	**Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(First Floor)**	**cum**	**6.63**	**6593.40**	**43709.30**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.63		
24	**Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(Head Room)**	**Cum**	**3.99**	**6658.20**	**26582.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.34		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.65		
25	**Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. complete as per specifications and directions of Engineer in charge.**	**cum**	**55.70**	**5936.76**	**330686.86**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		43.91		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		11.79		
26	**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**sqm**	**4.32**	**535.68**	**2314.14**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.32		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
27	**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer in charge.(First Floor)**	**sqm**	**5.40**	**541.08**	**2921.83**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		5.40		
28	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**tonne**	**10.51**	**76643.28**	**805328.79**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		10.51		
29	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(First Floor)**	**tonne**	**3.75**	**77451.12**	**290507.05**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.75		
30	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(Head Room)**	**tonne**	**0.89**	**79066.80**	**70614.26**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		0.50		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		0.39		
31	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge.(Ground Floor).**	**Sqm**	**115.52**	**984.96**	**113782.58**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		115.52		
32	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge.(First Floor).**	**Sqm**	**82.31**	**1022.76**	**84178.26**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		82.31		
33	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge.(Head Room).**	**Sqm**	**142.09**	**1060.56**	**150693.91**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		83.55		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		58.54		
34	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**38.90**	**875.88**	**34067.35**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		38.90		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
35	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**50.72**	**913.68**	**46337.28**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.72		
36	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**252.39**	**281.88**	**71143.69**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		252.39		
37	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**124.89**	**294.84**	**36822.57**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		124.89		
38	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Head Room)**	**Sqm**	**228.98**	**307.80**	**70478.51**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		138.11		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		90.87		
39	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**96.11**	**220.32**	**21174.96**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		96.11		
40	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**122.73**	**226.80**	**27834.03**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		122.73		
41	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Head Room)**	**Sqm**	**107.06**	**233.28**	**24975.19**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		36.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		71.06		
42	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**54.75**	**221.40**	**12120.54**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		54.75		
43	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**77.59**	**227.88**	**17680.07**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		77.59		
44	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**69.39**	**243.00**	**16861.77**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		69.39		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
45	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**92.85**	**249.48**	**23164.22**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		92.85		
46	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Head Room)**	**Sqm**	**8.61**	**255.96**	**2203.82**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.61		
47	**providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification and directions of Engineer in charge.**	**Sqm**	**593.90**	**84.24**	**50029.80**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		425.69		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		168.21		
48	**Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer and directions of Engineer in charge.**	**Sqm**	**353.65**	**97.20**	**34374.39**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		254.84		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		98.81		
49	**Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of Engineer in charge.**	**Sqm**	**240.25**	**127.44**	**30617.46**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		170.85		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		69.40		
50	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**252.39**	**367.20**	**92677.61**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		252.39		
51	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge. (First Floor)**	**Sqm**	**124.89**	**371.52**	**46399.13**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		124.89		
52	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge. (Head Room)**	**Sqm**	**138.11**	**380.16**	**52502.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		138.11		
53	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**53.37**	**681.48**	**36370.59**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		53.37		
54	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge. (First Floor)**	**Sqm**	**75.75**	**683.64**	**51785.73**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		75.75		
55	**Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of all materials, mortor ,labour, curingetc,complete as per specification. - minimum width of 1200mm and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**69.07**	**2215.08**	**152995.58**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		69.07		
56	**Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of all materials, mortor ,labour, curingetc,complete as per specification. - minimum width of 1200mm and directions of Engineer in charge. (First Floor)**	**Sqm**	**94.66**	**2217.24**	**209883.94**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		94.66		
57	**Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**11.70**	**4812.48**	**56306.02**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		11.70		
58	**Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification and directions of Engineer in charge. (First Floor)**	**Sqm**	**11.70**	**4814.64**	**56331.29**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		11.70		
59	**Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**4.35**	**1306.80**	**5684.58**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.35		
60	**Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge. (First Floor)**	**Sqm**	**12.19**	**1308.96**	**15956.22**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		12.19		
61	**Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of Engineer in charge. (Ground Floor)**	**Sqm**	**38.39**	**1762.56**	**67655.87**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		38.39		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
62	**Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of Engineer in charge. (First Floor)**	**Sqm**	**47.39**	**1764.72**	**83621.26**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		47.39		
63	**Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Sqm**	**159.67**	**1073.52**	171406.2546
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		99.36		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		60.31		
64	**Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification and directions of Engineer in charge.**	**Sqm**	**64.44**	**568.08**	**36607.08**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		64.44		
65	**Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of Engineer in charge.**	**Nos**	**8.00**	**1475.28**	**11802.24**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
66	**Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge.**	**cum**	**0.70**	**94612.32**	**65921.13**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		0.50		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		0.20		
67	**Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**6.30**	**3508.92**	**22106.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.30		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
68	**Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and directions of Engineer in charge.(First Floor)**	**Sqm**	**4.41**	**3513.24**	**15493.39**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.41		
69	**Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and directions of Engineer in charge.(Head Room)**	**Sqm**	**1.89**	**5108.40**	**9654.88**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.89		
70	**Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**m**	**5.70**	**486.00**	**2770.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		5.70		
71	**Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame complete as per specifications and directions of Engineer in charge.(First Floor)**	**m**	**28.50**	**490.32**	**13974.12**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		28.50		
72	**Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**1.58**	**4104.00**	**6463.80**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.58		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
73	**Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**7.88**	**4108.32**	**32353.02**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		7.88		
74	**Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of Engineer in charge.**	**Sqm**	**9.57**	**104.76**	**1002.55**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.98		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		4.59		
75	**Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**9.36**	**4789.80**	**44832.53**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		9.36		
76	**Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**10.44**	**4796.28**	**50073.16**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		10.44		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
77	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Kg**	**196.56**	**102.60**	**20167.06**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		196.56		
78	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of Engineer in charge.(First Floor)**	**Kg**	**219.24**	**109.08**	**23914.70**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		219.24		
79	**Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of Engineer in charge.**	**sqm**	**68.91**	**102.60**	**7070.17**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		46.41		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		22.50		
80	**Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of Engineer in charge.(Ground Floor)**	**Sqm**	**21.78**	**6502.68**	**141628.37**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		21.78		
81	**Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of Engineer in charge.(First Floor)**	**Sqm**	**34.44**	**6509.16**	**224175.47**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		34.44		
82	**Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of Engineer in charge.**	**Sqm**	**75.43**	**5798.52**	**437382.36**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		75.43		
83	**Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) and directions of Engineer in charge.**	**cum**	**24.02**	**351.00**	**8429.79**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		24.02		
84	**Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge**	**cum**	**6.22**	**2224.80**	**13829.36**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.22		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
85	**Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of Engineer in charge.**	**cum**	**0.39**	**210.20**	**82.40**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		0.39		
86	**Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.**	**Sqm**	**4.41**	**5626.80**	**24814.19**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.41		
87	**Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other complete as per specification and directions of Engineer in charge.**	**Sqm**	**2.40**	**12475.03**	**29940.07**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.40		
88	**Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications and directions of Engineer in charge.**	**No.s**	**4.00**	**298.08**	**1192.32**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
89	**Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and directions of Engineer in charge.**	**Each BW**	**1.00**	**3768.00**	**3768.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
90	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m complete as specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**347.00**	**17350.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
91	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 50 to 100 m complete as per specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**442.00**	**22100.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
92	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 100 to 150 m complete as specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**456.00**	**22800.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
93	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 150 to 200 m complete as specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**536.00**	**26800.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
94	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 200 to 250 m complete as specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**634.00**	**31700.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
95	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 250 to 300 m complete as specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**700.00**	**35000.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
96	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 300 to 350m complete as per specifications and directions of Engineer in charge.**	**Rmtr**	**50.00**	**825.00**	**41250.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
97	**Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P. iii, complete as specifications and directions of Engineer in charge.**	**Rmtr**	**70.00**	**1325.00**	**92750.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		70.00		
98	**Providing 250mm dia PVC Pipe 6kg/cm complete as specifications and directions of Engineer in charge.**	**Rmtr**	**18.00**	**1100.00**	**19800.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		18.00		
99	**Providing and fixing 160mm Borewell Cap complete as specifications and directions of Engineer in charge.**	**Each**	**1.00**	**100.00**	**100.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
100	**Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumpsincluding of all taxes(12.5 HP 25 Stage) complete as specifications and directions of Engineer in charge.**	**No**	**1.00**	**60400.00**	**60400.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
101	**Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of Engineer in charge.**	**M**	**300.00**	**431**	**129300.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		300.00		
102	**Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A.complete as specifications and directions of Engineer in charge.**	**Mtr**	**540.00**	**126.7**	**68418.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		540.00		
103	**Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of Engineer in charge.**	**Per Length**	**43.33**	**88**	**3813.04**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		43.33		
104	**Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete as per specifications and directions of Engineer in charge.**	**Each**	**1.00**	**302**	**302.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
105	**Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A complete as per specifications and directions of Engineer in charge.**	**Mtr**	**30.00**	**140.4**	**4212.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
106	**Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.complete as per specifications and directions of Engineer in charge.**	**Mtr**	**30.00**	**10.8**	**324.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
107	**Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications and directions of Engineer in charge.**	**Mtr**	**25.00**	**85**	**2125.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		25.00		
108	**Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia pipe complete as per specifications and directions of Engineer in charge.**	**Mtr**	**3.00**	**345**	**1035.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
109	**Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.16sqmm, complete as per specifications and directions of Engineer in charge.**	**No.**	**1.00**	**280**	**280.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
110	**Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, complete as per specifications and directions of Engineer in charge.**	**No**	**1.00**	**2727**	**2727.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
111	**Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 amps complete as per specifications and directions of Engineer in charge.**	**No.**	**6.00**	**180**	**1080.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.00		
112	**Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications 50 mm dia complete as per specifications and directions of Engineer in charge.**	**Nos**	**2.00**	**1579.4**	**3158.80**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
113	**Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 50 mm dia complete as per specifications and directions of Engineer in charge.**	**No**	**1.00**	**227.9**	**227.90**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
114	**Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and directions of Engineer in charge.**	**No**	**4.00**	**104.3**	**417.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
115	**Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN complete as per specifications and directions of Engineer in charge.**	**No**	**1.00**	**1547**	**1547.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
116	**Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired offer fixing to the wooden board for motor upto 12.50 HP complete as per specifications and directions of Engineer in charge.**	**No.**	**1.00**	**6583**	**6583.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
117	**Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole Hard Soil complete as per specifications and directions of Engineer in charge.**	**Cum**	**67.50**	**188**	**12690.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		67.50		
118	**Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., complete as per specifications and directions of Engineer in charge.75 mm dia 6 KSC PVC pipe**	**Rmtr**	**100.00**	**157**	**15700.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		100.00		
119	**Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of Engineer in charge.**	**Cum**	**67.50**	**61**	**4117.50**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		67.50		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
120	**Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**2120**	**8480.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
121	**Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Each**	**5.00**	**5352.48**	**26762.40**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
122	**Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V. C flushing cistern (all are approved make) with fittings, C. I / M. S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Each**	**3.00**	**3786.48**	**11359.44**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.00		
123	**Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**10.00**	**3400.92**	**34009.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
124	**Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**7.00**	**1226.88**	**8588.16**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
125	**Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**3.00**	**798.12**	**2394.36**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
126	**Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia complete as per specifications and directions of Engineer in charge.**	**Each**	**14.00**	**162**	**2268.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		11.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
127	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.110mm dia pipe and directions of Engineer in charge.**	**m**	**31.59**	**469.8**	**14840.98**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		31.59		
128	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.160mm dia pipe and directions of Engineer in charge.**	**m**	**30.30**	**923.4**	**27979.02**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.30		